

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Phase II SPDES General Permit for

**Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4s), GP-02-02
MUNICIPAL COMPLIANCE CERTIFICATION (MCC) FORM**

Regulated MS4: County of Nassau SPDES Permit Number: NYR20A022

See information packet for information to help complete this form.

MCC Form for year ending: March 9, <u> X </u> 2006 (Year 3) <u> </u> 2007 (Year 4) <u> </u> 2008 (Year 5)			
Section A. MS4 Owner/Operator and Contact Person Information (contact persons explained in instructions)			
Owner/Operator Is information below new or changed? <u> X </u> Yes <u> </u> No			
Name: County of Nassau		Title:	Department:
Mailing Address:	Street or P.O. Box: 1 West Street		City: Mineola
	County: Nassau	State: New York	Zip Code: 11501
Phone:		E-mail Address:	
Local Stormwater Public Contact (Required by Minimum Measure 2)			
Is information below: 1) new or changed? <u> X </u> Yes <u> </u> No 2) same as: <u> </u> Owner/Operator			
Name: Kenneth G. Arnold		Title: Sanitary Engineer IV	Department: Nassau County Public Works
Mailing Address:	Street or P.O. Box: 1194 Prospect Avenue		City: Westbury
	County: Nassau	State: New York	Zip Code: 11590
Phone: (516) 571-6850		E-mail Address: KARNOLD@NASSAUCOUNTYNY.GOV	
Stormwater Management Program (SWMP) Coordinator (Responsible for implementation/coordination of SWMP)			
Is information below: 1) new or changed? <u> </u> Yes <u> </u> No 2) same as: <u> </u> Owner/Operator <u> X </u> Local Stormwater Public Contact			
Name:		Title:	Department:
Mailing Address:	Street or P.O. Box:		City:
	County:	State:	Zip Code:
Phone: ()		E-mail Address:	
Annual Report Preparer			
Is information below: 1) new or changed? <u> </u> Yes <u> </u> No 2) same as: Owner/Operator <u> X </u> Local Stormwater Public Contact <u> </u> SWMP Coordinator			
Name:		Title:	Department:
Mailing Address:	Street or P.O. Box:		City:
	County:	State:	Zip Code:
Phone: ()		E-mail Address:	

IMPORTANT NOTE: Rows can be added to the tables in the following sections by going to the rightmost cell in the bottom row of the table and hitting tab. Hitting return in a given row will make the row wider, creating more room to type or write.

Section B. Local Water Quality Information

Information to help complete this section can be found in the instructions.

1. Does the MS4 discharge to 303(d) listed waters or is it in a TMDL watershed?

☒ Yes (complete the table below) ☐ No ☐ Not Yet Determined

(Put an X in the 'Classification' cell to indicate if the MS4 discharges to a waterbody on the 303(d) list and / or if it is in a TMDL watershed.)

Impaired Waters Name (from 303 (d) list and/or TMDL)	Pollutant(s) of Concern (from 303 (d) list and/or TMDL)	Classification	
		303 (d)	TMDL
East Bay	Pathogens	X	
South Oyster Bay	Pathogens	X	
Middle Bay	Pathogens	X	
East Rockaway Inlet	Pathogens	X	
Reynolds Channel, East	Pathogens	X	
Hempstead Bay	Pathogens	X	
Woodmere Channel	Pathogens	X	
Long Island Sound, Nassau County Waters	Pathogens, PCB's	X	
Manhasset Bay	Pathogens, PCB's	X	
Hempstead Harbor	Pathogens, PCB's	X	
Dosoris Pond	Pathogens	X	
Cold Spring Harbor	Pathogens	X	
Oyster Bay Harbor	PCB's	X	X
Massapequa Reservoir	Chlordane	X	
Freeport Reservoir	Chlordane	X	
Smith/Roosevelt Pond	Chlordane	X	
Lofts Pond	Chlordane	X	
Smith Pond	Chlordane	X	
Halls Pond	Chlordane	X	
Grant Park Pond	Phosphorus	X	
Whitney Lake	Chlordane	X	
Glen Cove Creek	PCB's	X	
Hempstead Lake	Phosphorous	X	
East Meadow Brook	Silt/Sediment	X	
Mill Neck Creek	PCB's	X	
Ridders Pond	Chlordane	X	

2. Have you received notification from the Department that you are subject to the special conditions in Part III.B. of the permit?

☒ Yes
☐ No

3. Have all necessary changes been made to the Stormwater Management Program (SWMP) to ensure compliance with Part III.B. of the MS4 permit for discharges to 303(d) or TMDL waters?

☒ Yes
☐ No (explain below)

Explanation:

Section C. Partnership Information

Information to help complete this section can be found in the instructions.

1. Does your MS4 work with partners? ☒ Yes (complete table below) ☐ No (Proceed to Section D)

List MS4 Partners with Legally Binding Agreements or Contracts in Place

See Attached List

List MS4 Partners with Planned Legally Binding Agreements or Contracts

N/A

List MS4 Partners with Other Agreements in Place

South Shore Estuary Reserve Council
Long Island Sound Study Citizens Advisory Committee
Manhasset Bay Protection Committee
Hempstead Harbor Protection Committee
Meadowbrook Task Force

Section D. Geographic Areas Addressed by Stormwater Management Program (SWMP)

Information to help complete this section can be found in the instructions.

1. Does your SWMP cover all jurisdictional (automatic and additionally designated) areas within the MS4, as required by 40 CFR 122.32(a)? ☒ Yes ☐ No (Explain below)

Explain:

Section E. Funding and Resource Allocation

Information to help complete this section can be found in the instructions.

1. Are adequate resources (funding mechanism, equipment, staff, etc.) planned or in place to fully implement your SWMP no later than January 8, 2008? ☒ Yes ____ No (explain below)

Explain:

2. If the MS4 is receiving funding through the municipal budget, a grant, or other source, briefly explain below: what are the sources, estimated amounts, and frequency of funding for the MS4?

Explain:

Municipal Budget:

Nassau County Operating Budget

Source: Nassau County General Operating Funds

Estimated Amount: \$1,000,000

Funding Frequency: Annual Basis

Nassau County Storm Water Management Program Budget

Source: Capital Project Funds

Estimated Amount: \$700,000

Funding Frequency: part of the Annual Capital Project Appropriation

Grants: Implementation of the Nassau County Storm Water Management Program

Source: NYS Department of Environmental Conservation

Estimated Amount: \$500,000.00

Funding Frequency: Apply for grants on annual basis or as announced.

3. If the MS4 is not receiving funding, briefly explain below: plans the MS4 has for obtaining future funding?

Explain: N/A

Section F. Compliance Certification

Compliance Assessment - For each of the minimum control measures, indicate below if your program has made steady progress toward full implementation *and* has achieved all measurable goals scheduled to be completed **during this reporting year**. Refer to the NOI and prior Annual Reports for information about measurable goals scheduled for this reporting year.

Permit Part	Minimum Control Measure	ANSWER BOTH COLUMNS FOR THIS REPORT YEAR <u>ONLY</u>	
		Steady Progress	Goals Achieved
IV.C.1.	Public Education and Outreach on Stormwater Impacts	<u>X</u> Yes ___No ___N/A	<u>X</u> Yes ___No ___N/A
	Explain 'no' / 'N/A' answer:		
IV.C.2.	Public Involvement / Participation	<u>X</u> Yes ___No ___N/A	<u>X</u> Yes ___No ___N/A
	Explain 'no' / 'N/A' answer:		
IV.C.3.	Illicit Discharge Detection and Elimination	<u>X</u> Yes ___No ___N/A	<u>X</u> Yes ___No ___N/A
	Explain 'no' / 'N/A' answer:		
IV.C.4.	Construction Site Stormwater Runoff Control	<u>X</u> Yes ___No ___N/A	<u>X</u> Yes ___No ___N/A
	Explain 'no' / 'N/A' answer:		
IV.C.5.	Post-Construction Stormwater Management	<u>X</u> Yes ___No ___N/A	<u>X</u> Yes ___No ___N/A
	Explain 'no' / 'N/A' answer:		
IV.C.6.	Pollution Prevention / Good Housekeeping for Municipal Operations	<u>X</u> Yes ___No ___N/A	<u>X</u> Yes ___No ___N/A
	Explain 'no' / 'N/A' answer:		

Certification Statement

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print Name: Peter J. Gerbasi Title: Deputy County Executive

Signature: _____ Date: 5/23/06

This form must be signed by either a principal executive officer or ranking elected official, or duly authorized representative of that person as described in Part VI.I.2. of the permit. See instructions for more information about who can sign this form.

Send two completed **hard copies** (an original and a photocopy) of this form, the Annual Report Table and any attachments to the DEC Central Office (MS4 Permit Coordinator, 625 Broadway, Division of Water - 4th Floor, Albany, NY 12233-3505). **DO NOT SUBMIT REPORTS IN THREE-RING BINDERS.**

Section C. Partnership Information

Names of MS4 Partners with Agreements:

City of Glen Cove NYR20A100
City of Long Beach NYR20A189
County of Nassau NYR20A022
Town of Hempstead NYR20A390
Town of North Hempstead NYR20A318
Town of Oyster Bay NYR20A371
Village of Atlantic Beach NYR20A097
Village of Bayville NYR20A304
Village of Bellerose NYR20A388
Village of Brookville NYR20A439
Village of Centre Island NYR20A415
Village of Cove Neck NYR20A440
Village of East Rockaway NYR20A410
Village of East Hills NYR20A001
Village of Floral Park NYR20A347
Village of Flower Hill NYR20A171
Village of Garden City NYR20A070
Village of Great Neck NYR20A453
Village of Great Neck Estates NYR20A321
Village of Great Neck Plaza NYR20A366
Village of Hempstead NYR20A051
Village of Island Park NYR20A384
Village of Hewlett Harbor NYR20A062
Village of Hewlett Neck NYR20A090
Village of Kensington NYR20A452
Village of Kings Point NYR20A451
Village of Lake Success NYR20A034
Village of Laurel Hollow NYR20A441
Village of Lawrence NYR20A336
Village of Lynbrook NYR20A169
Village of Matinecock NYR20A437
Village of Malverne NYR20A450
Village of Manorhaven NYR20A338
Village of Massapequa Park NYR20A063
Village of Mineola NYR20A111
Village of Munsey Park NYR20A319
Village of Muttontown NYR20A448
Village of New Hyde Park NYR20A014
Village of Old Brookville NYR20A447
Village of Old Westbury NYR20A434
Village of Plandome NYR20A066
Village of Plandome Heights NYR20A162
Village of Port Washington North NYR20A438
Village of Rockville Centre NYR20A061
Village of Roslyn NYR20A071
Village of Roslyn Estates NYR20A446
Village of Roslyn Harbor NYR20A059
Village of Sands Point NYR20A444
Village of Sea Cliff NYR20A075
Village of South Floral Park
Village of Stewart Manor NYR20A011
Village of Thomaston NYR20A443
Village of Upper Brookville NYR 20A442
Village of Valley Stream NYR20A002
Village of Westbury NYR20A408
Village of Williston Park NYR20A068
Village of Woodsburgh NYR20A107



**Phase II SPDES General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4s), GP-02-02
STORMWATER MANAGEMENT PROGRAM ANNUAL REPORT (SWMPAR) TABLE**

Regulated MS4: County of Nassau SPDES Permit Number: NYR20A022

Annual Report Table for year ending: March 9, <u>√</u> 2006 (Year 3) <u> </u> 2007 (Year 4) <u> </u> 2008 (Year 5)
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Information about how to complete the follow tables is in the instruction section. Please complete the tables electronically, if possible. Send two completed **hard copies** (an original and a photocopy) of this Annual Report Table, the MCC form and any attachments to the DEC Central Office (MS4 Permit Coordinator, 625 Broadway, Division of Water - 4th Floor, Albany, NY 12233-3505). **DO NOT SUBMIT REPORTS IN THREE-RING BINDERS.**

Minimum Control Measure 1. Public Education and Outreach

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

Permit Reference IV.C.1.a, b: Plan and conduct an ongoing public education and outreach program to ensure the reduction of all pollutants of concern in stormwater discharges to the maximum extent practicable (MEP). <ul style="list-style-type: none"><i>Explain the program, including activities and materials used</i><i>Identify the personnel or outside organization conducting the activity.</i><i>Indicate activities planned for next year.</i>	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
<ul style="list-style-type: none">The focus of the County's public education and outreach initiative is threefold:<ol style="list-style-type: none">Target the general public, making the information available/accessible to them in multiple venues.Draw attention to "high risk" activities.Place emphasis on priority water bodies.To that end, a "clearinghouse" of educational materials was created and was used to disseminate information to targeted groups/community activities. Brochure display stands were distributed. Logo contest winners' posters (see MCM 2) were attached to tabletop displays containing educational bookmarks and were circulated to Nassau County libraries and a Village Hall (which overlooks Manhasset Bay). Educational materials were also distributed to environmentally-oriented fairs, festivals and teacher/school programs, as well as to local environmental groups. Activities covered relevant topics, including marine education, preserve clean-ups, health and safety, landscaping, and teacher education. Carousel stands stocked with brochures, posters and other handouts were also donated to village/town halls and a County building permit facility. "Storm drain awareness" medallions were purchased for distribution in year 4.	<ul style="list-style-type: none">All educational material development and distribution activities are ongoing tasks.The "Clearinghouse" distributed over 11,000 pieces of educational materials and 60 brochure display stands with over 90% going to 53 libraries, 11 fairs/festivals and 3 local environmental groups. Goal in year 4 is to distribute an additional 10,000 handouts, including the replenishment of about 2000 library bookmarks.Year 4 Goal: 35 additional brochure display stands – stocked with educational materials - will be given to the 3 Towns and various Villages, the Nassau County Office of Consumer Affairs and 2 local merchants. 12 fairs/festivals will be attended.Goal in year 4 is to distribute 1000 storm drain medallions to various municipal partners.

<ul style="list-style-type: none"> 20 Adopt-A-Waterway signs were installed along major roadways throughout the County. 	<ul style="list-style-type: none"> An additional 20 Adopt-A-Waterway signs will be solicited and installed in Year 4.
<ul style="list-style-type: none"> Nassau County DPW personnel, Friends of the Bay, South Shore Estuary Reserve, Hempstead Harbor Protection Committee, Sierra/Lions Club, Long Island Sound Study, Manhasset Bay Protection Committee, Village of Roslyn, Village of Great Neck Plaza, Village of Freeport, Village of Lynbrook, Village of Plandome Manor. 	
<ul style="list-style-type: none"> The brochure "Storm Water Management Practices for Landscape Maintenance" was developed and distributed at the Nassau-Suffolk Landscape Gardeners' Association's Annual meeting. Additional brochures slated for development include; "Storm Water Management Practices for Businesses", and "Storm Drain Awareness" (for the general public). Winning logo contest designs will be incorporated into these brochures. The logos will also be used on stickers and magnets, as well as in a coloring book. Additionally, the coloring book will have storm water oriented puzzles and word games for children. Local merchants that sell to building contractors will be selected to receive and display storm water "BMP" information. 	<ul style="list-style-type: none"> New brochure development is anticipated to be completed by September 30, 2006. Sticker and magnet creation will be finalized by July 31, 2006. The coloring book will incorporate winning logos from the 2005 contest, as well. The projected completion date for this endeavour is February 28, 2007. Meet with Nassau Council of Chambers of Commerce by October 2006. The distribution of 1,000 "Storm Water Management Practices for Businesses" brochures and the solicitation and distribution of materials to local merchants is anticipated to be underway by December 31, 2006.
<p>Additional Techniques</p> <ul style="list-style-type: none"> A storm water management program webpage – www.nassaucountyny.gov/agencies/DPW/stormwater.html - was developed, with information pertaining to the Logo Contest, the Adopt-A-Waterway program, and links to a list of our municipal partners, prior annual reports, and other relevant facts. Informative links that, among other things, correspond to the six (6) required components that make up the NCSWMP, are slated for next year. Purchased two (2) DVDs entitled "Municipal Storm Water Pollution Prevention: Storm Watch; Everyday BMPs" for use in municipal personnel training. All Nassau County Road Maintenance personnel underwent storm water management awareness training. Nassau County is submitting an Application for State Assistance Grant for the continued implementation of the MS-4 Phase II Storm Water Program. One of the practices to be implemented under this grant is the education of 	<p>Describe Measurable Goals and Results (when applicable) <i>Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</i></p> <ul style="list-style-type: none"> The webpage will be updated with each new brochure, annual report, etc. as an ongoing task. Goal: the links that correspond to the six (6) required components should be in place by December, 2006. 132 employees under the auspices of Nassau County's Road Maintenance Division viewed "Municipal Storm Water Pollution Prevention: Storm Watch; Everyday BMPs" and took part in a question and answer period during the month of February, 2006. Goal: Train all relevant Nassau County Parks and Recreation personnel by March, 2007. Year 4 goal: distribute training DVD to 10 municipal partners to enable them to train their workers.

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teachers by initiating a program with local science centers, thus educating children via a hands-on exhibit. Additionally, the County is looking to host a seminar/conference on Sediment and Erosion Control directed at the construction community.

Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:

- Due to the complexity of implementing the Children's Museum hands-on display, this particular activity will be delayed until Year 4.

Minimum Control Measure 2. Public Involvement/Participation

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

Permit Reference IV.C.2.c.iii.: Design and conduct a public involvement / participation program. <ul style="list-style-type: none"> <i>Describe activities that the MS4 has/will undertake to provide program access to interested individuals and to gather needed input.</i> <i>Indicate activities planned for next year.</i> 	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
<ul style="list-style-type: none"> Distribution of Nassau County Soil and Water Conservation District Newsletter: Next year we plan to continue newsletter publication and distribution on a quarterly basis. 	<ul style="list-style-type: none"> April 2005 Article reached 800 contacts pertaining to Contractors and Storm Water Information. Ongoing Task. Next years activities include quarterly newsletters of the Soil and Water Conservation District Newsletter in the spring, Summer, fall and winter. Goal: mail newsletter to 1000 contacts.
<ul style="list-style-type: none"> Goose Management Program Implemented. Next year we plan on conducting goose management initiatives beginning in April and continue through the summer. 	<ul style="list-style-type: none"> Egg Oiling Program begins every April. During year 3 reporting period 1800 eggs were oiled. Site adersion Techniques occurred during the summer after the molt. This is an ongoing task. Will be working with the USDA to implement additional Goose Management initiatives beginning April 2006. Year 4 Goal: 2000 eggs oiled.
<ul style="list-style-type: none"> Storm Water Contact Person Identified. Completed 	<ul style="list-style-type: none"> Kenneth G. Arnold, P.E., Completed in Year One of the program. Ken will be the storm water contact through the reporting period.
<ul style="list-style-type: none"> Continue to participate on watershed organizations to include: Hempstead Harbor Protection Committee, Manhasset Bay Protection Committee, South Shore Estuary Reserve Council, Long Island Sound Study. Work with Friends of the Bay, in Oyster Bay and Operation Splash, in Freeport. Next year we will continue participating on the committees. 	<ul style="list-style-type: none"> Attended quarterly meetings with the protection committees during reporting year three. This is an ongoing task, of which, the goal is to continue to participate on these committees through the next reporting year. Each committee typically meets on a quarterly basis.
<ul style="list-style-type: none"> Attitude Surveys: Worked with Manhasset Bay Protection Committee to mail assessments to homeowners in the Village of Plandome Heights. Next years activity includes distributing two home assessment surveys to targeted neighborhoods. 	<ul style="list-style-type: none"> A home assessment survey was mailed to approximately 300 homes in the Village of Plandome Heights during reporting year 3. It is estimated that we received a 10% response. The survey centered around practices around the home relative to Storm Water Runoff. An educational packet was also enclosed with the survey. This will be an ongoing task in the next reporting year. Two surveys will be distributed during the second half of the reporting year.
<ul style="list-style-type: none"> Adopt-A-Stream, Stream, Beach Cleanups: Cleanups occur year round at various Nassau County locations. Next years activity is to clean up 25 beaches countywide. 	<ul style="list-style-type: none"> In Nassau County for 2005, a total of 23 beach locations were cleaned. A total of 631 volunteers cleaned approximately 22 linear miles of beach County wide. A total of 7,160 pounds of trash were collected. This is an ongoing program that typically occurs around earth day of each year. Next years goal: 25 beaches cleaned.
<ul style="list-style-type: none"> Storm Drain Stenciling Program: Creation of Medallions for distribution. Next year we plan on distributing the 1000 medallions to local municipalities and civic groups. 	<ul style="list-style-type: none"> In the Year 3 reporting year, Nassau County purchased 1000 medallions to be installed on Municipal owned catchbasins. Local municipalities may request the medallions from the County to be used within their respective jurisdictions. The local villages then could give the medallions to civic groups to install. Ongoing Program. Year 4 goal is to completely distribute

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	the 1000 medallions. The program will continue through the entire year.	
<ul style="list-style-type: none"> • Preserve/Park/Stream Cleanups occurred at various locations within Nassau County. • Next years activity includes continuing preserve cleanups and making every effort to increase the number of preserve cleanups. 	<ul style="list-style-type: none"> • Various County Preserve cleanups occurred during reporting year 3. Locations and events included Muttontown Preserve cleanup on September 11, 2005. Trail and Litter cleanup were completed. Several locations were cleaned within parkland adjacent to the Meadowbrook State Parkway, in Nassau County during April of 2005. These events occur annually, typically in April during Earth Day festivities. This is an ongoing program. Next years goal is to increase preserve clean ups. 	
<ul style="list-style-type: none"> • Creation of a Nassau County Logo Contest commenced in reporting year 3. • Next years activity includes continuing the Logo contest and it is planned that the County will increase the number of winners. 	<ul style="list-style-type: none"> • The first annual Storm Water Logo contest commenced in reporting year 3. The County received 84 entries from children County wide. A total of 4 winners were chosen. The winning logos are presently being used on storm water brochures and pamphlets throughout the County. This is an ongoing annual event and we plan on increasing the amount of winners during next years reporting phase. 	
<ul style="list-style-type: none"> • Wetland Plantings: Work is presently ongoing at Silver Lake and Lofts, Mill Pond. • Next year we plan on commencing construction at Roosevelt Pond and completing all work at Silver Lake, Lofts Pond and Mill Pond. 	<ul style="list-style-type: none"> • The Silver Lake, Lofts Pond, Mill Pond Project commenced construction during reporting year 3. Our goal is to completely restore Silver Lake, Lofts Pond and Mill Pond during reporting year 4. It is anticipated that construction to restore Roosevelt Pond will commence during the last quarter of reporting year 4. The pond rehabilitation work is an annual and ongoing program. 	
<ul style="list-style-type: none"> • Nassau County Environmental Bond Act Voter Referendum Program. • Next years activity includes getting the chosen storm water projects into the design phase. 	<ul style="list-style-type: none"> • The voters of Nassau County overwhelmingly approved an Environmental Bond Program whereby the public recommended various environmental Improvement Projects. 16 projects chosen for funding by the County were storm water related. Next years goal is to get all 16 storm water projects into the design phase. 	
Permit Reference IV.C.2.a, f: Develop procedures to provide public notice about and access to documents and information in a manner that complies with state and local public notice requirements. <i>Describe procedures below and state the methods used to publicize the AR public presentation.</i>		
Nassau County Storm Water Website with updates throughout the reporting year. Annual report to be delivered to the public on May 3 rd , 2006 before the Nassau County Legislature. County continues to handle Freedom of Information Requests as necessary.		
Permit Reference IV.C.2.e: Public presentation of; f: summary of comments received on; and g: intended response to comments on the SWMPAR.		
Summarize attendance at the public presentation of the Annual Report. Include number of attendees and who was represented: Honorable members of the Nassau County Legislature.		
Comments on Annual Report Meeting <u> X </u> No public comments received on Annual Report. <u> </u> Comments received. Attach summary of comments and intended responses.	Date of Annual Report Meeting: May 3 rd , 2006	Approximate Date of Meeting Next Year: May 2007
Additional Techniques	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)	

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Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:	

Minimum Control Measure 3. Illicit Discharge Detection and Elimination (IDDE)

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

Permit Reference IV.C.3.a: Develop, implement and enforce a program to detect, identify and eliminate illicit discharges, including illegal dumping, into the MS4. <ul style="list-style-type: none"> <i>Explain the activities and procedures used to meet this requirement this year <u>and</u> planned for next year.</i> <i>Revise as procedures are updated.</i> <i>Identify personnel or outside organization conducting the activities</i> 	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities) <ul style="list-style-type: none"> <i>Example measurable goals: number of illicit discharges detected; number of illicit discharges eliminated.</i>
<ul style="list-style-type: none"> Hired consultant, Sidney B. Bowne, Mineola, NY to work with County Attorney, Consumer Affairs, Nassau County Department of Health and the Planning Commission to develop Drainage Use Ordinance that is based on the NYSDEC Model. Will provide our local partners with a model local law that they can adopt for their respective municipalities. 	<ul style="list-style-type: none"> Final version to Nassau County Legislature by end of Year 4. Model local law provided to municipal partners by end of 3rd quarter of Year 4.
<ul style="list-style-type: none"> Continued the Dry Weather Flow Study in Year 3 by sampling 44 different locations in the spring and fall of 2005. We used this data to screen all major drainage corridors for illicit discharges. 	<ul style="list-style-type: none"> Completed December 2005. Measurable goal: sample all 44 stream locations in spring and fall 2006.
<ul style="list-style-type: none"> DNA analysis was done on 10 streams that exhibited regular high pathogen counts. It was hoped that this analyses would identify the exact species of warm-blooded animals generating the pathogens (human or other) but the results were found to be inconsistent. For a more detailed discussion, see the 2005 Dry Weather Flow Study. 	<ul style="list-style-type: none"> Completed September 2005. Measurable goal: determine which of the 10 stream locations correspond to sanitary sewer lines and begin dye testing.
<ul style="list-style-type: none"> Continued re-inspection of dry weather flow outfalls identified in early 1990's. 15 outfalls could either not be located or need a boat for access. 	<ul style="list-style-type: none"> Ongoing task. Investigated and sampled 3 dry weather flows. One clean, one VOC's from groundwater and one still under investigation. Measurable goals: find source of pathogens in flow from Garden City into Pines Brook. Procure boat to investigate remaining outfalls.
<ul style="list-style-type: none"> Maintain Illicit Discharge Hotline (516-571-6863). 24 hour telephone number that is listed on the County Storm Water website 	<ul style="list-style-type: none"> Ongoing task. Measurable Goal: 10 phone calls identifying illicit discharges/dumping.
<ul style="list-style-type: none"> Researched which analysis could be added to our routine stream sampling to aid in determining illicit discharges. 	<ul style="list-style-type: none"> Measurable goal: add detergent test for methylene blue active substances (MBAS).

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<ul style="list-style-type: none"> • Work being done by Nassau County Department of Public Works personnel. 	<ul style="list-style-type: none"> • Ongoing. • Measurable goal: train Nassau County Parks personnel to identify illicit discharges.
<p>Permit Reference IV.C.3.b: Develop and maintain a map showing the location of all outfalls and the names and location of all waters of the US that receive discharges from outfalls. <i>Explain activities performed this year <u>and planned for next year</u>, including work on the following IDDE guidance prerequisites:</i></p> <ul style="list-style-type: none"> • field verification of outfall locations; • mapping all inter-municipal subsurface conveyances; • delineating storm sewershed; and • developing and retaining MS4 mapping as needed to find the source and identify illicit discharges. <i>State if maps are in GIS.</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p> <ul style="list-style-type: none"> • <i>Example measurable goals: percent of outfalls mapped</i>
<ul style="list-style-type: none"> • Developed GIS map of all watersheds and outfalls within Nassau County. 	<ul style="list-style-type: none"> • Completed in Year 1.
<ul style="list-style-type: none"> • Bid contract for watershed analysis that was awarded to Cashin Associates, Hauppauge, NY. Work includes the tributaries of Oyster Bay Harbor in the north(Bailey Arboretum, Kentuck Creek, Francis Pond Creek, Whites Creek, Tiffany Creek and Mill Neck Creek) and the East Bay in the south(Bellmore Creek, Newbridge Creek and Clements Brook). These streams will be walked and any dry weather flow noted and then investigated by County personnel. 	<ul style="list-style-type: none"> • Measurable goal: award contract in second quarter and have 50% of the streams walked and inventoried.
<ul style="list-style-type: none"> • Use summer interns to do an Outfall Reconnaissance Inventory (ORI) on the East Meadow Brook. 	<ul style="list-style-type: none"> • Measurable Goal: to be completed by September 2006.

Minimum Control Measure 3. Illicit Discharge Detection and Elimination (IDDE) Regulatory Mechanism

Permit Reference IV.C.3.c: Prohibit, through an ordinance, local law or other regulatory mechanism, illicit discharges into the MS4. The MS4s have until year 5 to complete the local law work. See the instructions for information about completing this section.	
Does the MS4 have the legal authority to enact ordinances, local laws or other regulatory mechanisms?	<input type="checkbox"/> No (go to ADDENDUM 1) <input checked="" type="checkbox"/> Yes (complete questions below)
Assessment of Regulatory Mechanism (Local Code)	
1) When was this assessment completed or planned to be completed?	Date completed: <u>February 2006</u> <input type="checkbox"/> Not yet completed (proceed to next table) Plan to complete for reporting in year: <input checked="" type="checkbox"/> 4; <input type="checkbox"/> 5.
2) Is there an existing ordinance, local law or other regulatory mechanism?	<input type="checkbox"/> No (go to question 5) <input checked="" type="checkbox"/> Yes
3) Does the existing regulatory mechanism prohibit illicit discharges as required by the MS4 Permit?	<input checked="" type="checkbox"/> No (amendments needed) <input type="checkbox"/> Yes
4) Does the existing regulatory mechanism include enforcement authorities and procedures as required by the MS4 Permit?	<input checked="" type="checkbox"/> No (amendments needed) <input type="checkbox"/> Yes
Development of Regulatory Mechanism (Local Codes)	
5) When was this work completed or planned to be completed?	Date completed: _____ <input checked="" type="checkbox"/> Not yet completed (proceed to next table) Plan to complete work below for reporting in year: <input checked="" type="checkbox"/> 4; <input type="checkbox"/> 5.
6) If you answered 'No' to question 1, 2 or 3, what regulatory mechanism or amendments will be adopted to meet the MS4 permit requirements?	<input type="checkbox"/> NYS IDDE Model Law in its entirety <input type="checkbox"/> Selected NYS IDDE Model Law articles adopted as amendments to existing code(s) that are equivalent to the NYS IDDE Model Law <input type="checkbox"/> MS4 will write language equivalent to NYS IDDE Model Law
7) If you answered 'No' to question 1, 2 or 3, has a list of needed changes to local codes been developed for adoption of the regulatory mechanism?	<input type="checkbox"/> No <input type="checkbox"/> Yes, list the local code(s) that will be changed:
8) If the existing regulatory mechanism does not require amendments, what language is in the mechanism?	<input type="checkbox"/> NYS IDDE Model Law in its entirety <input type="checkbox"/> Selected NYS IDDE Model Law articles adopted as amendments to existing code(s) that are equivalent to the NYS IDDE Model Law <input type="checkbox"/> Language equivalent to NYS IDDE Model Law
9) What was the date or is the planned date of local law adoption?	Date:
10) Provide a web address if adopted local law can be found on a web site.	Web Address:

<p>Permit Reference IV.C.3.e: Inform public employees, businesses and the general public of hazards associated with illegal discharges and improper disposal of waste.</p> <ul style="list-style-type: none"> • <i>Explain activities and materials used to meet this requirement this year <u>and</u> planned for next year</i> • <i>Identify personnel or outside organization conducting activities</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • Purchased DVD entitled “Municipal Storm Water Pollution Prevention: Storm Watch: Everyday BMP’s” that was viewed by 132 County Road Maintenance personnel. 	<ul style="list-style-type: none"> • Measurable Goal: have DVD viewed by all relevant County Parks personnel and distribute a copy to 10 of our municipal partners for use in training their employees.
<ul style="list-style-type: none"> • Developed brochure “Storm Water Management Practices for Landscape Maintenance” and distributed 150 copies at the Nassau-Suffolk Landscape Gardeners’ Association’s Annual meeting. 	<ul style="list-style-type: none"> • Measurable Goal: to have brochures distributed by Nassau County Consumer Affairs to landscapers when they apply or renew their license.
<ul style="list-style-type: none"> • Additional brochures to be developed – “Storm Water Management Practices for Businesses” and “Storm Drain Awareness” for the general public. 	<ul style="list-style-type: none"> • Measurable Goal: design, print and distribute brochures to target audiences via Nassau Council of Chambers of Commerce, fairs, festivals and local municipalities.
<ul style="list-style-type: none"> • Workshop held on November 9, 2004 for County and municipal partner supervisors that included illicit discharge detection and elimination. 	<ul style="list-style-type: none"> • Measurable Goal: to hold another workshop for all members of the storm water coalition after the Drainage Use Ordinance is in place. Will be held in Year 5.
<ul style="list-style-type: none"> • Plan to update website with additional information regarding dumping and illicit discharges. 	<ul style="list-style-type: none"> • Measurable Goal: establish a link from website homepage to an expanded MCM 3.
<p>Additional Techniques</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</p>	

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Minimum Control Measure 3. Illicit Discharge Detection and Elimination (IDDE)

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

Permit Reference IV.C.4.b.i, 5.a.i: Require development and implementation of erosion and sedimentation controls through a local law or other regulatory mechanism. Report on assessment process used (<i>Stormwater Management Gap Analysis Workbook for Local Officials</i> or equivalent process). The MS4s have until year 5 to complete the local law work. See the instructions for information about completing this section.	
Does the MS4 have the legal authority to enact land use ordinances, local laws or other regulatory mechanisms?	<input checked="" type="checkbox"/> No (go to ADDENDUM 2) <input type="checkbox"/> Yes (complete questions below)
Preliminary Assessment of Regulatory Mechanism (Local Code)	
1. When was the preliminary assessment of existing local codes completed or when will it be completed?	Date completed: _____ <input type="checkbox"/> Not yet completed (proceed to next table) Plan to complete for reporting in year: <input type="checkbox"/> 4; <input type="checkbox"/> 5. <input type="checkbox"/> Did not do preliminary assessment; proceeded directly to Gap Analysis Worksheets 1-4 or adopted <i>Sample Local Law for Stormwater Management and Erosion & Sediment Control</i> (Sample Local Law).
2. If preliminary assessment was completed, indicate the results.	<input type="checkbox"/> If none of Sample Local Law provisions appear in local code; consider adopting Sample Local Law or equivalent <input type="checkbox"/> If few Sample Local Law provisions appear in local code; major revisions needed or consider adopting Sample Local Law or equivalent <input type="checkbox"/> If most of the Sample Local Law provisions appear in local code; minor revisions needed
Assessment and Development of Regulatory Mechanism (Local Code) (continued on next page)	
3. When was the Gap Analysis or equivalent process completed or when will it be completed?	Date completed: _____ <input type="checkbox"/> Not yet completed (proceed to next table) Plan to complete work below for reporting in year: <input type="checkbox"/> 4; <input type="checkbox"/> 5.
4. How was the local code adopted or how will it be adopted*? <i>*If MS4 has some existing local code equivalent to the Sample Local Law and adopted parts of the Sample Local Law as amendments to make a complete local code, check b and c.</i>	a. <input type="checkbox"/> The entire Sample Local Law adopted as amendments to existing code or as stand alone law. <ul style="list-style-type: none"> • If no portions of the Sample Local Law were moved or deleted, all provisions would be exactly the same as the Sample Local Law. • If ANY provisions of the Sample Local Law were moved or deleted, the moved or changed provisions must be reviewed (use the <i>Gap Analysis</i> or equivalent process) to ensure the intent of the law has not been changed. b. <input type="checkbox"/> Parts of NYS Sample Local Law adopted as amendments to existing code. c. <input type="checkbox"/> Language developed by municipality was demonstrated to be equivalent.

Minimum Control Measure 4 and 5. Construction Site and Post-Construction Stormwater Runoff Control Regulatory Mechanism**Permit Reference IV.C.4.b.i, 5.a.i (continued)****Assessment and Development of Regulatory Mechanism (Local Code) (continued)**

5. Answer the following questions about the Gap Analysis or equivalent processes.

Clauses are defined as: All the Sample Local Law sections or subsections in the Gap Analysis Worksheets 1-4 that have a box in the “Equivalence” column, meaning that there is an associated “Equivalence” sheet (with the exception of Article 6, Section 4 which does not have an Equivalence sheet).

Total number of clauses in each worksheet: Sample Local Law Article 1 (Gap Analysis Worksheet 1) - 8 clauses; Sample Local Law Article 2 (Gap Analysis Worksheet 2) - 51 clauses; Sample Local Law Article 3, 4, 5 (Gap Analysis Worksheet 3) - 3 clauses; Sample Local Law Article 6 (Gap Analysis Worksheet 4) - 9 clauses.

MS4s that adopt the entire Sample Local Law as amendments to existing code or as stand alone law need to indicate the number of clauses being adopted that are exactly the same as the Sample Local Law, or equivalent, in the right-hand column below.

Sample Local Law Articles	NUMBER OF REQUIRED CLAUSES IN LOCAL LAW		
	Existing clauses exactly the same as the Sample Local Law language	Existing clauses equivalent to the Sample Local Law language (see Gap Analysis Workbook Equivalence Sheets for information to help determine equivalence)	Sample Local Law or equivalent language to be adopted , listed as legislative agenda items.
1			
2			
3, 4, 5			
6			
TOTAL			
6. Has a list of needed changes (legislative agenda) been developed for adoption of amendments to local codes (or for deletion of existing codes that are addressed by adoption of a stand alone law)?	<input type="checkbox"/> No <input type="checkbox"/> Yes, list the local codes that will be changed:		
7. What was the date or is planned date of local code adoption?	Date:		
8. Provide a web address if the adopted local law can be found on a web site.	Web Address:		

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Minimum Control Measure 4. Construction Site Stormwater Runoff Control

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<p>Permit Reference IV.C.4.b. v: Develop and implement procedures for site plan review by the MS4 that incorporate consideration of potential water quality impacts and review individual pre-construction site plans to ensure consistency with local sediment and erosion control requirements.</p> <ul style="list-style-type: none"> Describe the procedures below. <u>Revise as procedures are updated.</u> 	<p>Describe Measurable Goals and Results (when applicable)</p> <p>Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p> <ul style="list-style-type: none"> Example measurable goals: number of plans received; number of plans reviewed; percent of plans received that are reviewed.
<p>Permit Reference IV.C.4.b. vi: Develop and implement procedures for the receipt and consideration of information submitted by the public.</p> <ul style="list-style-type: none"> Explain the procedures below. <u>Revise as procedures are updated.</u> Identify the responsible personnel or outside organizations. 	<p>Describe Measurable Goals and Results (when applicable)</p> <p>Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>

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Minimum Control Measure 4. Construction Site Stormwater Runoff Control

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

<p>Permit Reference IV.C.4.b. iii, vii: Develop and implement procedures for site inspections, enforcement of control measures and sanctions to ensure compliance with GP-02-02.</p> <ul style="list-style-type: none"> Describe each procedure below. <u>Revise as procedures are updated.</u> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p> <ul style="list-style-type: none"> Example measurable goals are number of: inspections; fines assessed; stop work orders; other sanctions.
<p>Permit Reference IV.C.4.b. viii: Educate and train construction site operators about requirements to develop and implement a SWPPP and any other requirements they must meet within the MS4s jurisdiction.</p> <ul style="list-style-type: none"> Explain the activities and materials used to meet this requirement. Identify the personnel or outside organization conducting this activity. <u>Indicate activities planned for next year.</u> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>Additional Techniques</p>	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<p>Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:</p>	

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Minimum Control Measure 5. Post-Construction Stormwater Management

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

Permit Reference IV.C.5.a, c. Develop and implement a post-construction stormwater management program that addresses stormwater runoff from new development and redevelopment and will reduce the discharge of pollutants to the MEP. Program requirements should include:	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
<ul style="list-style-type: none"> • A combination of structural and/or non-structural management practices. • <i>Identify and describe below procedures to ensure installation of post-construction management practices. <u>Revise as procedures are updated.</u></i> 	DO NOT ENTER INFORMATION IN THIS CELL
<ul style="list-style-type: none"> • Procedures for site plan and SWPPP review to ensure SWMPs meet state standards. • <i>Describe procedures below. <u>Revise as procedures are updated.</u></i> 	<ul style="list-style-type: none"> • <i>Example measurable goals include: number of plans received; number of plans reviewed; percent of plans received that are reviewed.</i>

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Minimum Control Measure 5. Post-Construction Stormwater Management

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

Permit Reference IV.C.5.a, c. (continued): Develop and implement a post-construction stormwater management program that addresses stormwater runoff from new development and redevelopment and will reduce the discharge of pollutants to the MEP. Program requirements should include:	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
<ul style="list-style-type: none"> Procedures for inspection and maintenance of post-construction management practices. <i>Explain procedures below. <u>Revise as procedures are updated.</u></i> 	<ul style="list-style-type: none"> <i>Example measurable goals are number of: inspections maintenance activities performed.</i>
<ul style="list-style-type: none"> Procedures for enforcement and penalization of violators. <i>Explain procedures below. <u>Revise as procedures are updated.</u></i> 	<ul style="list-style-type: none"> <i>Example measurable goals: number enforcement activities performed.</i>

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Minimum Control Measure 5. Post-Construction Stormwater Management

Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

Permit Reference IV.C.5.a, c. (continued): Develop and implement a post-construction stormwater management program that addresses stormwater runoff from new development and redevelopment and will reduce the discharge of pollutants to the MEP. Program requirements should include:	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
<ul style="list-style-type: none"> Adequate resources for a program to inspect new and re-development sites and for enforcement and penalization of violators. <i>Describe resources below. <u>Update annually.</u></i> 	DO NOT ENTER INFORMATION IN THIS CELL
Additional Techniques	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:	

ADDENDUM 2. Minimum Control Measure 4 & 5. Construction Site & Post-Construction Stormwater Runoff Control Local Law

Permit Reference IV.C.4.b.i, 5.a.i: Require development and implementation of erosion and sedimentation controls through a local law or other regulatory mechanism. The MS4s have until year 5 to complete this work.	
1) When was this work completed or planned to be completed?	Date completed: _____ <input checked="" type="checkbox"/> Not yet completed Plan to complete for reporting in year: <input checked="" type="checkbox"/> 4; ____ 5.
2) Indicate which of the control mechanisms or procedures below are used by the MS4 to notify staff and others doing work on behalf of the MS4 about the <u>erosion, sedimentation and stormwater management requirements</u> for projects under the MS4s jurisdiction. (These requirements are based on the Construction Permit (GP-02-01) and MS4 Permit (GP-02-02)).	
____ Access Permits ____ Tenant Leases <input checked="" type="checkbox"/> Requests for Proposals (RFPs) <input checked="" type="checkbox"/> Scope of Services	<input checked="" type="checkbox"/> Consultant Agreements <input checked="" type="checkbox"/> Construction / Bid Documents <input checked="" type="checkbox"/> Other Policies / Procedures <u>Have and will continue to conduct in-house meetings and training sessions with appropriate Departments, project managers and employees on all erosion, sedimentation and stormwater management requirements on County managed construction projects. The County Planning Commission under NY State Real Property Law, Section 334-a, requires all subdivisions to be approved by the Commissioner of Public Works. As such the Department has updated its Drainage Requirements to include all sediment and erosion control practices.</u>
3) All of the <u>erosion, sedimentation and stormwater management requirements</u> below must be addressed by the MS4's control mechanisms. For the control mechanisms identified in number 2 above, state in the left hand cells below the control mechanism(s) that contain the language.	
Control Mechanism	<u>Erosion, Sedimentation and Stormwater Management Requirements</u>
RFP's, Scopes of Work, Bid Documents, Drainage Requirements	Require all projects to have SWPPPs, as in GP-02-01
RFP's, Scopes of Work, Bid Documents, Drainage Requirements	Require all 16 components of a basic SWPPP (erosion and sediment control)
RFP's, Scopes of Work, Bid Documents, Drainage Requirements	Require all additional 7 components for a full SWPPP when post-construction control is required
RFP's, Scopes of Work, Bid Documents, Drainage Requirements	Meet the standards in the <i>Erosion and Sediment Control</i> and <i>Stormwater Management Design Manuals</i> (or otherwise meet the requirements of GP-02-01)
Bid Documents, Drainage Requirements	Require contractor certification statements stating that the contractor will agree to comply with the terms and conditions of the SWPPP
Scopes of Work, Bid Documents, Drainage Requirements	Require proper operation and maintenance of stormwater facilities during construction
Bid Documents, Drainage Requirements	Require proper operation and maintenance of stormwater facilities after construction
RFP's, Scopes of Work, Bid Documents, Drainage Requirements	Require SWPPPs to be certified by a licensed / certified individual when there is a deviation from technical standards or direct discharge to a 303(d) segment or TMDL watershed subject to condition A of GP-0-01
RFP's, Scopes of Work, Bid Documents	Have a process for review of SWPPPs
RFP's, Scopes of Work, Bid Documents	Require site self inspections as in GP-02-01

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<p>On Projects within County jurisdiction:</p> <ul style="list-style-type: none"> • Procedures in place on County construction contracts to issue stop work orders. • Maintenance and guarantee periods in place to require contractors to ensure proper operation of storm water components. • RFP's, Scopes of Work, Bid Documents include these conditions 	<p>Have enforcement procedures during and after construction</p>	
<p>Scopes of Work, Bid Documents, Drainage Requirements</p>	<p>Require construction site operators to control waste</p>	
<ul style="list-style-type: none"> • Procedures in place for public comment during Subdivision review the County Planning Commission. • Field offices staffed by County inspectors on County construction contracts accept public inquiries. • Public bidding notices for construction contracts published in local newspapers and on County website. • Outreach to communities with local County legislators on upcoming construction projects. 	<p>Procedures for receipt and consideration of information submitted by the public</p>	
<p>4) If any of the requirements in number 3 are not addressed, explain how the MS4 intends to incorporate them into the control mechanisms?</p>	<p>Explanation:</p> <p style="text-align: center;">None</p>	
<p>5) Explain how the MS4 intends to enforce the requirements within their jurisdiction?</p>	<p>Explanation: DPW has trained municipal employees, construction inspectors and project managers on erosion, sedimentation and storm water management requirements. In addition, County field personnel are requested to report activities at construction sites that are causing sediment, erosion on County roads and/or property. Planning Commission field inspectors examining construction sites now include sediment and erosion control components as part of their standard inspections.</p>	

Minimum Control Measure 6. Pollution Prevention/Good Housekeeping for Municipal Operations**OVERALL MUNICIPAL POLLUTION PREVENTION / GOOD HOUSEKEEPING PROGRAM INFORMATION**

<ul style="list-style-type: none"> • This table is for MS4s to report on their OVERALL Municipal Pollution Prevention / Good Housekeeping Program. • A separate table follows that is for MS4s to report on management practices performed in identified municipal operations. • Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures. • Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed. 	
Permit Reference IV.C.6.a: Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
<ul style="list-style-type: none"> • <i>List pollutants that will be addressed by the municipal pollution prevention program.</i> 	
<ul style="list-style-type: none"> • Sediment, Petroleum and Salt 	
<ul style="list-style-type: none"> • <i>Set and describe pollution prevention priorities by geographic areas, municipal operation type, and facilities.</i> 	DO NOT ENTER INFORMATION IN THIS CELL
<ul style="list-style-type: none"> • Hired consultant Dvirka and Bartilucci, Woodbury, NY to perform assessment of County procedures, practices, etc. pertaining to storm water pollution. Departments included in the study are Public Works, Parks and Recreation, Police and Sheriffs. 	<ul style="list-style-type: none"> • Measurable Goal: to be completed by the end of Year 4.
<ul style="list-style-type: none"> • Dvirka and Bartilucci will be generating generic SWPPP for distribution and use by our municipal partners throughout Nassau County. There will be separate generic plans for activities and facilities such as road maintenance, golf course maintenance, swimming pool operations, building maintenance and fleet maintenance. 	<ul style="list-style-type: none"> • Measurable Goal: to be distributed to all municipal partners by the end of Year 4.
<ul style="list-style-type: none"> • Dvirka and Bartilucci will be making recommendations pertaining to catch basin cleaning, street sweeping, sand and salt use and Integrated Pest Management. 	<ul style="list-style-type: none"> • Measurable Goal: to be completed by the end of Year 4.
Permit Reference IV.C.6.a: Include a municipal pollution prevention training component for staff (where all staff are trained).	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
<ul style="list-style-type: none"> • <i>Explain activities and materials used to meet this requirement.</i> • <i>Identify training needs and design training components</i> • <i>Determine the adequacy and appropriate frequency of staff training.</i> • <i>Identify personnel or outside organization conducting activities.</i> 	
<ul style="list-style-type: none"> • Purchased DVD entitled "Municipal Storm Water Pollution Prevention: Storm Watch: Everyday BMP's" that was viewed by 132 County Road Maintenance personnel. Training done by County employees. 	<ul style="list-style-type: none"> • Measurable Goal: have DVD viewed by all relevant County Parks personnel.
<ul style="list-style-type: none"> • There is a need to distribute the training DVD to our municipal partners. 	<ul style="list-style-type: none"> • Measurable Goal: Distribute a copy to 10 of our municipal partners for use in training their employees.

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Additional Techniques	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:	

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Minimum Control Measure 6. Municipal Operations: X Street and Bridge Maintenance; ___ Winter Road Maintenance; ___ Stormwater System Maintenance; ___ Vehicle and Fleet Maintenance; ___ Park and Open Space Maintenance; ___ Municipal Building Maintenance; ___ Solid Waste Management; ___ Other: _____

- Copy this page and give it to each municipal office or department responsible for reporting.
- Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department.
- Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures.
- Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

Permit Reference IV.C.6.a, c: Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from **the municipal operation(s) indicated above** to the MEP.

- *Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities.*

Describe Measurable Goals and Results (when applicable)

Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)

- *Briefly describe or reference any existing policies and procedures*
- *Briefly describe or reference any policies and procedures being developed*

DO NOT ENTER INFORMATION IN THIS CELL

- Every County road is swept once/month at a minimum, with increased frequency during spring cleanup.
- Catch basins are cleaned based upon need.
- All County roads are driven daily by a Labor Supervisor and inspected for debris, flooding, illicit discharges, etc.

- Ongoing task.

- Hired consultant Dvirka and Bartilucci, Woodbury, NY to perform assessment of County procedures, practices, etc. pertaining to storm water pollution.

- Will have recommendations by end of Year 4.

- *Briefly describe or reference any existing best management practices*
- *Briefly describe or reference any planned best management practices*

DO NOT ENTER INFORMATION IN THIS CELL

- Road Maintenance mechanically swept 25, 419 lane miles in 2005.
- Road Maintenance cleaned 1368 catch basin chambers in 2005.
- Road Maintenance removed 2043 cubic yards of debris from off-road locations in 2005.

- Ongoing task.

- *Identify and describe the equipment and staff that are in place*

DO NOT ENTER INFORMATION IN THIS CELL

- 2 guzzler trucks, 19 mechanical sweepers and 5 "clamshell" type catch basin cleaners. Staffing varies throughout the year.

- 4 new sweepers were purchased in 2005. 2 payloaders will be purchased in 2006.

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Minimum Control Measure 6. Municipal Operations: X Street and Bridge Maintenance; Winter Road Maintenance; Stormwater System Maintenance; Vehicle and Fleet Maintenance; Park and Open Space Maintenance; Municipal Building Maintenance; Solid Waste Management; Other: _____

<ul style="list-style-type: none"> • Copy this page and give it to each municipal office or department responsible for reporting. • Put an 'X' in front of each municipal operation type addressed by the Municipal Pollution Prevention/Good Housekeeping Program in that office or department. • Refer to the Municipal Pollution Prevention / Good Housekeeping Assistance document for example best management practices, policies and procedures. • Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed. 	
Permit Reference IV.C.6.a, c (continued): Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP.	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
<ul style="list-style-type: none"> • <i>Assess if existing programs adequately reduce and/or prevent pollutant discharges</i> • <i>Determine and list any operation type, location or facility that is in need of modification or updates.</i> 	DO NOT ENTER INFORMATION IN THIS CELL
<ul style="list-style-type: none"> • Hired consultant Dvirka and Bartilucci, Woodbury, NY to perform assessment of County procedures, practices, etc. pertaining to storm water pollution. 	<ul style="list-style-type: none"> • Will have recommendations by the end of Year 4.
Permit Reference IV.C.6.a: If there is a training component for staff specific to these municipal operations:	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
<ul style="list-style-type: none"> • <i>explain the activities and materials;</i> • <i>identify the personnel or outside organization conducting the activities.</i> 	
<ul style="list-style-type: none"> • Purchased DVD entitled "Municipal Storm Water Pollution Prevention: Storm Watch: Everyday BMP's" that was viewed by 132 County Road and Drainage Maintenance personnel. Training done by County employees. 	
Additional Techniques	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
<ul style="list-style-type: none"> • The County is evaluating catch basin inserts manufactured by Fabco and Abtech that filter floatables, sediment, petroleum, metals and pathogens. Currently installed in Bellmore and Bayville. 	<ul style="list-style-type: none"> • Measurable Goal: decide which unit (s) work best and whose maintenance schedule is achievable with the limited personnel currently employed.
<ul style="list-style-type: none"> • Our consultant will be developing standard specifications and drawings for various BMP's that will be included in future road projects and will also be available to our municipal partners. 	<ul style="list-style-type: none"> • Will have recommendations by the end of Year 4.
Explain any changes or additions to the Permit Referenced Activities /	

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Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:

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Minimum Control Measure 6. Municipal Operations: ___Street and Bridge Maintenance; ___Winter Road Maintenance; ___XStormwater System Maintenance; ___Vehicle and Fleet Maintenance; ___Park and Open Space Maintenance; ___Municipal Building Maintenance; ___Solid Waste Management; ___Other:_____

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- Use separate rows to explain the different processes, activities, procedures, practices, etc. used by the MS4. Add additional rows as needed.

Permit Reference IV.C.6.a, c: Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from **the municipal operation(s) indicated above** to the MEP.

- *Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities.*

Describe Measurable Goals and Results (when applicable)

Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)

- *Briefly describe or reference any existing policies and procedures*
- *Briefly describe or reference any policies and procedures being developed*

DO NOT ENTER INFORMATION IN THIS CELL

- Trash racks throughout the County are cleaned prior to and after significant precipitation.
- Streams, ditches and culverts are cleaned based upon need.
- The following structural BMP's are cleaned on a scheduled basis (annual, bi-annual or post rain events):
Baxter Pond Sediment Basin
Smith Street (Newbridge Creek) Sediment Basin and Floatable Collection Boom
Pines Brook Sediment Basin and Floatable Collection Boom
Baldwin Drain Trash Rack
Milburn Creek Sediment Basin-Brookside Drive
Milburn Creek Sediment Basin-Circle Drive
Milburn Pond Sediment Basin
Milburn Pond Sediment Chamber
Glen Cove Marina Stormceptor Unit
Sea Cliff Stormceptor Unit

- Ongoing Task.

- Hired consultant Dvirka and Bartilucci, Woodbury, NY to perform assessment of County procedures, practices, etc. pertaining to storm water pollution.

- Will have recommendations by end of Year 4.

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<ul style="list-style-type: none"> <i>Briefly describe or reference any existing best management practices</i> <i>Briefly describe or reference any planned best management practices</i> 	DO NOT ENTER INFORMATION IN THIS CELL
<ul style="list-style-type: none"> Drainage Maintenance spent 3696 man hours removing debris from trash racks in 2005. Drainage maintenance spent 6930 man hours removing debris from storm drains in 2005. 	
<ul style="list-style-type: none"> <i>Identify and describe the equipment and staff that are in place</i> 	DO NOT ENTER INFORMATION IN THIS CELL
<ul style="list-style-type: none"> 1 lightening loader, 1 bull dozer, 1 excavator and 3 skid steer vehicles. Staffing varies throughout the year. 	<ul style="list-style-type: none"> Equipment to be purchased in year 4 includes: 1bulldozer, 1 track mounted loader, 1 excavator and 1 track mounted dump truck.

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Minimum Control Measure 6. Municipal Operations: ___ Street and Bridge Maintenance; ___ Winter Road Maintenance; ___ X Stormwater System Maintenance; ___ Vehicle and Fleet Maintenance; ___ Park and Open Space Maintenance; ___ Municipal Building Maintenance; ___ Solid Waste Management; ___ Other: _____

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Permit Reference IV.C.6.a, c (continued): Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from municipal operations to the MEP.

Describe Measurable Goals and Results (when applicable)

Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)

- *Assess if existing programs adequately reduce and/or prevent pollutant discharges*
- *Determine and list any operation type, location or facility that is in need of modification or updates.*

DO NOT ENTER INFORMATION IN THIS CELL

- Hired consultant Dvirka and Bartilucci, Woodbury, NY to perform assessment of County procedures, practices, etc. pertaining to storm water pollution.

- Will have recommendations by the end of Year 4.

Permit Reference IV.C.6.a: If there is a training component for staff specific to these municipal operations:

Describe Measurable Goals and Results (when applicable)

Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)

- *explain the activities and materials;*
- *identify the personnel or outside organization conducting the activities.*

- Purchased DVD entitled "Municipal Storm Water Pollution Prevention: Storm Watch: Everyday BMP's" that was viewed by 132 County Road and Drainage Maintenance personnel. Training done by County employees.

- Additional training on sediment and erosion control will be given by County personnel to the members of the County Drainage Maintenance Unit.

Measurable Goal: to be completed in Year 4.

Additional Techniques

Describe Measurable Goals and Results (when applicable)

Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)

Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:

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Minimum Control Measure 6. Municipal Operations: ___Street and Bridge Maintenance; **X** Winter Road Maintenance; ___Stormwater System Maintenance; ___Vehicle and Fleet Maintenance; ___Park and Open Space Maintenance; ___Municipal Building Maintenance; ___Solid Waste Management; ___Other:_____

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Permit Reference IV.C.6.a, c: Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from **the municipal operation(s) indicated above** to the MEP.

- *Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities.*

Describe Measurable Goals and Results (when applicable)

Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)

- *Briefly describe or reference any existing policies and procedures*
- *Briefly describe or reference any policies and procedures being developed*

DO NOT ENTER INFORMATION IN THIS CELL

- Salt is stored in salt domes immediately after delivery at the 7 main road maintenance facilities.
- Sand is used in a mix with salt only when the temperature falls below 25 degrees Fahrenheit.
- Sand and salt use is monitored by garage , truck and route to track where the material is being used throughout the County.
- Crews are called out one hour prior to rush hour storms to treat roads before snow accumulates and thus using less salt later in the storm..
- The County is phasing out conventional spreaders in favor of "Flo N' Dump" spreaders which have the ability to regulate the amount of sand and salt deposited on the roadway.

- Ongoing tasks.

- Hired consultant Dvirka and Bartilucci, Woodbury, NY to perform assessment of County procedures, practices, etc. pertaining to storm water pollution.

- Will have recommendations by end of Year 4.

- *Briefly describe or reference any existing best management practices*
- *Briefly describe or reference any planned best management practices*

DO NOT ENTER INFORMATION IN THIS CELL

- Salt at all road maintenance facilities is stored in domes.
- Planned BMP's are to be determined by our consultant.

- Ongoing task.
- Will have recommendations by the end of Year 4.

- *Identify and describe the equipment and staff that are in place*

DO NOT ENTER INFORMATION IN THIS CELL

- Approximately 125 vehicles used in salt/sand application.

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Minimum Control Measure 6. Municipal Operations: ___ Street and Bridge Maintenance; **X** Winter Road Maintenance; ___ Stormwater System Maintenance; ___ Vehicle and Fleet Maintenance; ___ Park and Open Space Maintenance; ___ Municipal Building Maintenance; ___ Solid Waste Management; ___ Other: _____

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<ul style="list-style-type: none"> • <i>Assess if existing programs adequately reduce and/or prevent pollutant discharges</i> • <i>Determine and list any operation type, location or facility that is in need of modification or updates.</i> 	DO NOT ENTER INFORMATION IN THIS CELL
<ul style="list-style-type: none"> • Hired consultant Dvirka and Bartilucci, Woodbury, NY to perform assessment of County procedures, practices, etc. pertaining to storm water pollution. 	<ul style="list-style-type: none"> • Will have recommendations by the end of Year 4.
Permit Reference IV.C.6.a: If there is a training component for staff specific to these municipal operations: <ul style="list-style-type: none"> • <i>explain the activities and materials;</i> • <i>identify the personnel or outside organization conducting the activities.</i> 	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
<ul style="list-style-type: none"> • Purchased DVD entitled "Municipal Storm Water Pollution Prevention: Storm Watch: Everyday BMP's" that was viewed by 132 County Road and Drainage Maintenance personnel. Training done by County employees. 	
Additional Techniques	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)

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Permit Number: NYR20A022 _ _ _

Minimum Control Measure 6. Municipal Operations: ___ Street and Bridge Maintenance; ___ Winter Road Maintenance; ___ Stormwater System Maintenance; **X** Vehicle and Fleet Maintenance; **X** Park and Open Space Maintenance; **X** Municipal Building Maintenance; ___ Solid Waste Management; ___ Other: _____

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<p>Permit Reference IV.C.6.a, c: Develop and implement an operation and maintenance program to reduce and prevent pollutant discharges from the municipal operation(s) indicated above to the MEP.</p> <ul style="list-style-type: none"> • <i>Describe how the bulleted items below focus on pollutants addressed by the municipal pollution prevention program and the pollution prevention priorities.</i> 	<p>Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)</p>
<ul style="list-style-type: none"> • <i>Briefly describe or reference any existing policies and procedures</i> • <i>Briefly describe or reference any policies and procedures being developed</i> 	DO NOT ENTER INFORMATION IN THIS CELL
<ul style="list-style-type: none"> • Hired consultant Dvirka and Bartilucci, Woodbury, NY to perform assessment of County procedures, practices, etc. pertaining to storm water pollution. Departments included in the study are Public Works, Parks and Recreation, Police and Sheriffs. 	<ul style="list-style-type: none"> • Will have recommendations by end of Year 4.
<ul style="list-style-type: none"> • <i>Briefly describe or reference any existing best management practices</i> • <i>Briefly describe or reference any planned best management practices</i> 	DO NOT ENTER INFORMATION IN THIS CELL
<ul style="list-style-type: none"> • To be determined by our consultant. 	<ul style="list-style-type: none"> • Will have recommendations by the end of Year 4.
<ul style="list-style-type: none"> • <i>Identify and describe the equipment and staff that are in place</i> 	DO NOT ENTER INFORMATION IN THIS CELL

Municipality: County of Nassau

Permit Number: NYR20A022 _ _ _

Minimum Control Measure 6. Municipal Operations: ___ Street and Bridge Maintenance; ___ Winter Road Maintenance; ___ Stormwater System Maintenance; **X** Vehicle and Fleet Maintenance; **X** Park and Open Space Maintenance; **X** Municipal Building Maintenance; ___ Solid Waste Management; ___ Other: _____

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<ul style="list-style-type: none"> • <i>Assess if existing programs adequately reduce and/or prevent pollutant discharges</i> • <i>Determine and list any operation type, location or facility that is in need of modification or updates.</i> 	DO NOT ENTER INFORMATION IN THIS CELL
<ul style="list-style-type: none"> • Hired consultant Dvirka and Bartilucci, Woodbury, NY to perform assessment of County procedures, practices, etc. pertaining to storm water pollution. Departments included in the study are Public Works, Parks and Recreation, Police and Sheriffs. 	<ul style="list-style-type: none"> • Will have recommendations by the end of Year 4.
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<ul style="list-style-type: none"> • <i>explain the activities and materials;</i> • <i>identify the personnel or outside organization conducting the activities.</i> 	
<ul style="list-style-type: none"> • To be determined by our consultant. 	<ul style="list-style-type: none"> • Will have recommendations by the end of Year 4.
Additional Techniques	Describe Measurable Goals and Results (when applicable) Indicate: Date Completed, Ongoing Task, or Scheduled Date (for next years activities)
Explain any changes or additions to the Permit Referenced Activities / Techniques, Measurable Goals and / or Scheduled Dates above and provide a reason(s) for the change:	

ADDENDUM 1. Minimum Control Measure 3. Illicit Discharge Detection and Elimination (IDDE) Local Law

Permit Reference IV.C.3.c: Prohibit, through an ordinance, local law or other regulatory mechanism, illicit discharges into the MS4. The MS4s have until year 5 to complete this work.		
1) When was this work completed or planned to be completed?	Date completed: _____ <u>X</u> Not yet completed Plan to complete for reporting in year: <u>X</u> 4; ____ 5.	
2) Indicate which of the control mechanisms or procedures to the right used by the MS4 notify staff and others doing work on behalf of the MS4 about prohibition of and enforcement against illicit discharges:	<input type="checkbox"/> Interconnection agreements <input type="checkbox"/> Maintenance directives / BMPS <input checked="" type="checkbox"/> Access Permits <input type="checkbox"/> Tenant Leases	<input checked="" type="checkbox"/> Consultant Agreements <input checked="" type="checkbox"/> Construction/Bid Documents <input type="checkbox"/> Other _____ _____
3) Indicate which of these control mechanisms contain specific language prohibiting illicit discharges:	<input type="checkbox"/> Interconnection agreements <input type="checkbox"/> Maintenance directives / BMPS <input checked="" type="checkbox"/> Access Permits <input type="checkbox"/> Tenant Leases	<input checked="" type="checkbox"/> Consultant Agreements <input checked="" type="checkbox"/> Construction/Bid Documents <input type="checkbox"/> Other _____ _____
4) Explain how the MS4 intends to prohibit illicit discharges if: <ul style="list-style-type: none"> • none of the mechanisms in number 2 contain language prohibiting illicit discharges; or • the MS4 intends to add language to prohibit illicit discharges in other control mechanisms. 	Explanation:	
5) Explain how the MS4 (intends to) enforce against illicit dischargers within their jurisdiction?	Explanation: by using the enforcement provisions within the soon to be adopted Drainage Use Ordinance.	